

HIV/AIDS Surveillance Semi-Annual Report

Hawaii Department of Health

Cases to June 30, 2006

AIDS Reporting: As of June 30, 2006, 2,884 AIDS cases were reported to the Hawaii HIV/AIDS Surveillance Program, Department of Health. AIDS reporting has been required since 1983. A total of 96 cases were reported during the past one-year period (July 1, 2005 to June 30, 2006). Of these, 85 (89%) cases were male and 11 (9%) cases were female. These cases were reported from Honolulu County (72, 75%), Maui County (11, 12%), Hawaii County (10, 10%), and Kauai County (3, 3%). This semi-annual report contains AIDS demographic data for reported cases by year (page 2), by county (page 3), and by race/ethnicity (page 4).

HIV Reporting: Hawaii is in the process of changing Administrative Rules to require name-based HIV reporting. CDC is recommending implementation of HIV name-based reporting by the end of 2006.

Announcement: This semi-Annual report is the last hard copy to be distributed to our subscribers. It will continue to be available at this website: <http://www.hawaii.gov/health/healthy-lifestyles/std-aids/aboutus/prg-aids/index.html>. If you would like to receive the report through e-mail, please respond to pbortha@lava.net to include your e-mail to the e-mail list.

Hawaii AIDS Diagnosis, December 31, 2005

This short article summarizes the overall decrease in AIDS incidence. Since the highly active antiviral therapy [HAART] became available in 1996 for HIV/AIDS care, people with HIV are living longer without developing AIDS. Figure 1 shows the number of Hawaii AIDS diagnoses decreased from 119 in 2000 to 63 in 2005. Due to reporting delays, the number of AIDS diagnoses does not match the number of reports each year. The figure shows the number of reported cases is higher in each year than the diagnoses, except in 2000. This is due to reporting delays as some AIDS cases diagnosed prior to 2001 were reported in the years 2001 to 2005.

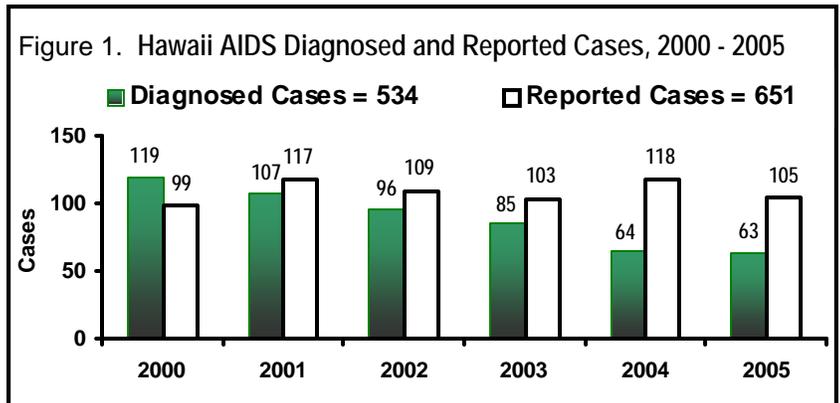


Table 1 illustrates the demographics of the Hawaii AIDS diagnoses for the four time periods and cumulative cases. As of 2005, there were 2,862 AIDS cases diagnosed in Hawaii. Males account for most of the cases (2,638, 92.2%) and the number of AIDS diagnoses has decreased in recent years. Men having sex with men (MSM) continues to be the primary risk factor for all four time periods (75.9% before 2000; 65.9% for 2000 - 2001; 59.9% for 2002 - 2003; and 60.6% for 2004 - 2005). AIDS incidence for this group has decreased from the year 2000 to 2005. Seventy-three percent (2,086/2,862) of Hawaii AIDS cases were diagnosed between 30 to 49 years of age. There was no pediatric AIDS diagnosis for the recent time period (2004 - 2005). The majority of AIDS diagnoses were Caucasians (1,722, 60.2%); followed by Asian/Pacific Islander Groups (API, 813, 28.4%); and others (327, 11.4%). Most AIDS diagnoses were in Honolulu County (72.5%) followed by Hawaii, Maui, and Kauai County. Overall, AIDS diagnoses are decreasing in Hawaii in recent years.

Table 1. Distribution of Hawaii AIDS Diagnosis, 1982 - 2005

Characteristics		Before 2000		2000 - 2001		2002- 2003		2004- 2005		Cumulative 1982-2005	
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
Sex	Male	2,169	93.2	197	87.2	158	87.3	114	89.8	2,638	92.2
	Female	159	6.8	29	12.8	23	12.7	13	10.2	224	7.8
Risk	MSM	1,766	75.9	149	65.9	108	59.9	77	60.6	2,100	73.4
	IDU	169	7.3	17	7.5	15	8.2	5	3.9	206	7.2
	MSM/IDU	170	7.3	12	5.3	10	5.5	10	7.9	202	7.1
	Heterosexual	117	5.0	23	10.2	14	7.7	8	6.3	162	5.7
	Other/Unknown	106	4.6	25	11.1	34	18.7	27	21.3	192	6.7
Age	<13	15	0.6	1	0.4	1	0.6	0	0.0	17	0.6
	13-19	7	0.3	1	0.4	1	0.6	1	0.8	10	0.3
	20-29	314	13.5	17	7.5	14	7.7	8	6.3	353	12.3
	30-39	1,020	43.8	83	36.7	61	33.7	37	29.1	1,201	42.0
	40-49	698	30.0	79	35.0	62	34.3	46	36.2	885	30.9
	>49	274	11.8	45	19.9	42	23.2	35	27.6	396	13.8
County	Honolulu	1,695	72.8	152	67.3	140	77.3	87	68.5	2,074	72.5
	Hawaii	309	13.3	27	11.9	15	8.3	17	13.4	368	12.9
	Maui	223	9.6	36	15.9	19	10.5	18	14.2	296	10.3
	Kauai	101	4.3	11	4.9	7	3.9	5	3.9	124	4.3

Please forward any questions and comments to the HIV/AIDS Surveillance Program, 3627 Kilauea Avenue, Suite 306, Honolulu, HI 96816, Phone: (808) 733-9010, fax: (808) 733-9015. This is available at the website: <http://www.hawaii.gov/health/healthy-lifestyles/std-aids/aboutus/prg-aids/index.html>.

Hawaii AIDS Cases by Year, Reported through June 30, 2006

(The number of Hawaii AIDS cases changed for each year due to the CDC initiated Interstate Duplication Project)

Year of Report	1983-2000	2001	2002	2003	2004	2005	2006	TOTAL
Cases by Year of Report	2,281	117	109	103	118	105	51	2,884
Rate per 100,000 Population ¹	N/A	9.6	8.8	8.0	9.5	8.5	N/A	N/A

Demographics/Risk	No.	(%)								
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SEX	Male	2,126	(93)	102	(87)	98	(90)	87	(84)	106	(90)	93	(89)	45	(88)	2,657	(92)
	Female	155	(7)	15	(13)	11	(10)	16	(16)	12	(10)	12	(11)	6	(12)	227	(8)

AGE	<13	16	(<1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	17	(<1)
	13-19	8	(<1)	0	(0)	0	(0)	1	(1)	0	(0)	1	(1)	1	(2)	11	(<1)
	20-29	298	(13)	10	(9)	13	(12)	9	(9)	13	(11)	9	(9)	2	(4)	354	(12)
	30-39	993	(44)	46	(39)	41	(38)	40	(39)	43	(36)	30	(29)	14	(27)	1,207	(42)
	40-49	694	(30)	37	(32)	38	(35)	32	(31)	36	(31)	39	(37)	19	(37)	895	(31)
	>49	272	(12)	24	(21)	17	(16)	20	(19)	26	(22)	26	(25)	15	(29)	400	(14)

RACE	Non-Hispanic																
	Caucasians	1,423	(62)	68	(58)	57	(52)	43	(42)	58	(49)	60	(57)	26	(51)	1,735	(60)
	*Legacy Asians/Hawaiians/PI	633	(28)	34	(29)	39	(36)	0	(0)	0	(0)	0	(0)	0	(0)	706	(24)
	*Asians	0	(0)	0	(0)	0	(0)	24	(23)	22	(19)	15	(14)	11	(22)	72	(2)
	*Hawaiians/PI	0	(0)	0	(0)	0	(0)	16	(16)	11	(9)	9	(9)	4	(8)	40	(1)
	African-Americans	98	(4)	3	(3)	6	(6)	8	(8)	8	(7)	3	(3)	1	(2)	127	(4)
	American Indians/Alaskans	8	(<1)	1	(1)	0	(0)	0	(0)	2	(2)	1	(1)	0	(0)	12	(<1)
	Multiple Race	2	(<1)	2	(2)	0	(0)	6	(6)	3	(3)	5	(5)	4	(8)	22	(1)
	Other	0	(0)	0	(0)	0	(0)	0	(0)	1	(1)	2	(2)	0	(0)	3	(<1)
	Hispanics	117	(5)	9	(8)	7	(6)	6	(6)	13	(11)	10	(10)	5	(10)	167	(6)

RISK	Male to Male Sex (MSM)	1,723	(76)	82	(70)	74	(68)	62	(60)	73	(62)	65	(62)	33	(65)	2,112	(73)
	Injection Drug Use (IDU)	163	(7)	10	(9)	9	(8)	5	(5)	10	(8)	7	(7)	7	(14)	211	(7)
	MSM & IDU	167	(7)	2	(2)	8	(7)	4	(4)	11	(9)	9	(9)	1	(2)	202	(7)
	Female Heterosexual	80	(4)	7	(6)	3	(3)	11	(11)	5	(4)	3	(3)	0	(0)	109	(4)
	Male Heterosexual	39	(2)	5	(4)	2	(2)	2	(2)	4	(3)	0	(0)	1	(2)	53	(2)
	Transfusion	24	(1)	0	(0)	2	(2)	3	(3)	1	(1)	0	(0)	0	(0)	30	(1)
	Perinatal	13	(1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	14	(<1)
	Hemophiliac	18	(1)	1	(1)	1	(1)	0	(0)	0	(0)	0	(0)	0	(0)	20	(1)
	Undetermined	54	(2)	10	(9)	10	(9)	15	(15)	14	(12)	21	(20)	9	(18)	133	(5)

¹ Each year's estimated population from the State of Hawaii Data Book 2002, http://www2.hawaii.gov/dbedt/index.cfm?section=READ_Databook445

County Report

Cumulative AIDS Cases (1983 – July 30, 2006)

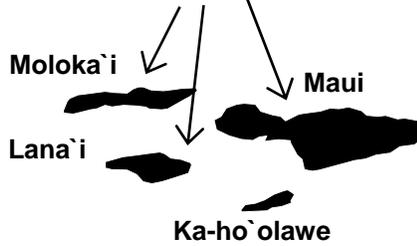
Kaua'i County
126 Cases (4%)



Honolulu County
2,092 Cases (73%)



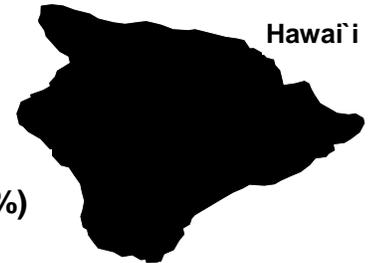
Maui County
296 Cases (10%)



Five-Year Average Reporting Rate per 100,000 population* by county, reported from 7/2001 to 6/2006

Honolulu Co.	8.4
Hawai'i Co.	10.5
Maui Co.	10.8
Kauai Co.	12.4
Statewide	9.1

Hawai'i County
370 Cases (13%)



This map indicates the number of diagnosed AIDS cases reported to the Department of Health through June 30, 2006. These numbers do not reflect those diagnosed in other states who are now living in Hawai'i or individuals who are HIV-infected but not yet diagnosed with AIDS.

*Estimated population 2002, from the State of Hawaii Data Book

Cumulative Hawai'i AIDS cases reported from 1983 to June 30, 2006 2,884 Known Deaths 1,699 (59%)

AIDS Cases by County: Five-year (July 1, 2001 - June 30, 2006) and Cumulative Total (1983 – June 30, 2006)

County		Honolulu Co.		Hawai'i Co.		Maui Co.		Kaua'i Co		Statewide											
		No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)								
SEX	Male	335	(89)	1,936	(93)	67	(86)	329	(89)	66	(90)	277	(94)	35	(88)	115	(91)	503	(88)	2,657	(92)
	Female	43	(11)	156	(7)	11	(14)	41	(11)	7	(10)	19	(6)	5	(13)	11	(9)	66	(12)	227	(8)

RISK	Male to Male Sex	235	(62)	1,544	(74)	46	(59)	244	(66)	56	(77)	230	(78)	27	(68)	94	(75)	364	(64)	2,112	(73)
	Injection Drug Use	34	(9)	147	(7)	6	(8)	39	(11)	2	(3)	15	(5)	4	(10)	10	(8)	46	(8)	211	(7)
	Male/Male Sex & IDU	28	(7)	144	(7)	3	(4)	30	(8)	2	(3)	24	(8)	1	(3)	4	(3)	34	(6)	202	(7)
	Heterosexual Contact	26	(7)	111	(5)	6	(8)	27	(7)	4	(5)	14	(5)	4	(10)	10	(8)	40	(7)	162	(6)
	Transfusion	4	(1)	23	(1)	0	(0)	3	(1)	2	(3)	2	(1)	0	(0)	2	(2)	6	(1)	30	(1)
	Perinatal	1	(<1)	12	(1)	0	(0)	2	(1)	0	(0)	0	(0)	0	(0)	0	(0)	1	(<1)	14	(<1)
	Hemophiliac	2	(1)	15	(1)	0	(0)	3	(1)	0	(0)	2	(1)	0	(0)	0	(0)	2	(<1)	20	(1)
	Undetermined	48	(13)	96	(5)	17	(22)	22	(6)	7	(10)	9	(3)	4	(10)	6	(5)	76	(13)	133	(5)
Total Cases	378	(100)	2,092	(100)	78	(100)	370	(100)	73	(100)	296	(100)	40	(100)	126	(100)	569	(100)	2,884	(100)	

July 2001—June 2006 N (%)	378	(66)	78	(14)	73	(13)	40	(7)	569	(100)
Cumulative cases N (%)	2,092	(73)	370	(13)	296	(10)	126	(4)	2,884	(100)
Estimated Population 2002 N (%)	881,927	(72)	146,988	(12)	134,739	(11)	61,244	(5)	1,224,898	(100)

AIDS Cases by Race/Ethnicity

Five - Year Reported Cases (July 1, 2001 - June 30, 2006)

Race/Ethnicity	Caucasian		African American		Hispanic		Hawaiian/ Pt. Haw.		Filipino		Chinese		Japanese		Other A/PI		Multiple Race*		Total Cases**	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
5 Year Cases (%)	299	(53)	26	(5)	50	(9)	57	(10)	37	(7)	14	(2)	29	(5)	34	(6)	19	(3)	569	(100)
Cumulative Cases (%)	1,735	(60)	127	(4)	167	(6)	318	(11)	161	(6)	66	(2)	140	(5)	136	(5)	22	(<1)	2,884	(100)

SEX	Male	273	(91)	22	(85)	46	(92)	47	(82)	33	(89)	12	(86)	28	(97)	24	(71)	14	(74)	503	(88)
	Female	26	(9)	4	(15)	4	(8)	10	(18)	4	(11)	2	(14)	1	(3)	10	(29)	5	(26)	66	(12)

RISK	Male to Male Sex	212	(71)	13	(50)	31	(62)	31	(54)	23	(62)	8	(57)	16	(55)	17	(50)	11	(58)	364	(64)		
	Injection Drug Use	21	(7)	4	(15)	5	(10)	7	(12)	0	(0)	4	(29)	1	(3)	3	(9)	1	(5)	46	(8)		
	Male/Male Sex & IDU	16	(5)	3	(12)	4	(8)	7	(12)	2	(5)	0	(0)	2	(7)	0	(0)	0	(0)	35	(6)		
	Female Heterosexual	8	(3)	2	(8)	0	(0)	4	(7)	4	(11)	0	(0)	1	(3)	6	(18)	2	(11)	27	(5)		
	Male Heterosexual	6	(2)	0	(0)	1	(2)	1	(2)	2	(5)	0	(0)	1	(3)	0	(0)	0	(0)	12	(2)		
	Transfusion	2	(<1)	0	(0)	1	(2)	0	(0)	1	(3)	0	(0)	1	(3)	1	(3)	0	(0)	6	(1)		
	Perinatal	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(3)	0	(0)	1	(<1)
	Hemophiliac	2	(<1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	2	(<1)
	Undetermined	32	(11)	4	(15)	8	(16)	7	(12)	5	(14)	2	(14)	7	(24)	6	(18)	5	(26)	76	(13)		
5-Year Total cases	299	(100)	26	(100)	50	(100)	57	(100)	37	(100)	14	(100)	29	(100)	34	(100)	19	(100)	569	(100)			
5-year average reporting rate per 100,000 ¹	12.6		15.6		11.4		4.5		4.4		4.1		2.3		11.1		1.4		9.4				

*Data collection of multiple race since 2003. **Total 569 cases for five years includes four male American Indian AIDS cases with risk of 2 MSM, 1 MSM/IDU, and 1 male heterosexual; Cumulative 2,884 cases included 12 American Indians.

¹2000 U.S. Census figures from the State of Hawaii Data Book 2001 were used to calculate reporting rates, <http://www.hawaii.gov/dbedt/db01/sec01.html>

Reporting Requirements: AIDS case reporting is required by Hawai'i Revised Statutes (HRS) §325-2 and Hawaii new Administrative Rules §11-156-3 for low CD4 values (<200 cells/ μ L and/or total lymphocytes <14%). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV positive case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 and 8.9, implemented from August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidentiality in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals. Questions regarding AIDS and HIV reporting forms, reporting requirements, or this report may be directed to the HIV/AIDS Surveillance Program at (808) 733-9010 (Tel), (808) 733-9015 (fax) or pbortha@lava.net (e-mail).